



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

July 26, 2011

EA-11-014

Mr. Michael J. Pacilio
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer (CNO), Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

**SUBJECT: BYRON STATION, UNIT 2 - NOTIFICATION OF AN NRC SUPPLEMENTAL
INSPECTION AND INFORMATION REQUEST**

Dear Mr. Pacilio:

By letter dated March 14, 2011, the NRC communicated to you the final significance determination for a finding having low-to-moderate safety significance (White) at your Byron Station, Unit 2. The finding involved the failure to ensure that a flange connection on the upper lube oil cooler of the 2A diesel generator was correctly torqued following maintenance. This led to the 2A diesel generator being required to be shut down when a significant oil leak developed during routine monthly surveillance testing on November 17, 2010.

By letter dated July 14, 2011, we were notified by your staff that you were ready for the NRC to conduct our supplemental inspection to review the actions taken to address the White finding. Accordingly, we plan to conduct a supplemental inspection, beginning on August 22, 2011, at Byron Station, Unit 2, using Inspection Procedure 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area." This on-site inspection is scheduled to be performed August 22 through August 26, 2011. In order to minimize the impact to your on-site resources and to ensure a productive inspection for both organizations, we have enclosed a request for documents needed for this inspection. The documents identified are those that the inspectors will need prior to and upon arrival at the site. It is important that all of these documents are up-to-date and complete in order to minimize the number of additional documents requested during the on-site portion of the inspection.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Ms. Tracey Hulbert of your organization. If there are any questions about this inspection or the material requested, please contact the inspector, Mr. Thomas Taylor at (269) 764-8971 (work) or (206) 406-5086 (cell).

M. Pacilio

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Eric R. Duncan, Chief
Branch 3
Division of Reactor Projects

Docket No. 50-455
License No. NFP-66

Enclosure: Supplemental Inspection Document Request

cc w/encl: Distribution via ListServ

SUPPLEMENTAL INSPECTION DOCUMENT REQUEST

Please assemble the following documents by August 9, 2011. Preferably these documents should be sent to the inspector, Thomas Taylor, on CD-ROM. The information sent should be current as of the date of your mailing. Information provided onsite should be the latest approved documentation. The information should be mailed in such a manner as to reach the following location by August 9, 2011. Proprietary information should be clearly marked and stored on a separate CD-ROM. Draft documentation should not be provided as part of this information request.

U.S. Nuclear Regulatory Commission
Palisades Nuclear Plant
Attn: Tom Taylor
Resident Inspector
27780 Blue Star Memorial Highway
Covert, MI 49043-9530

Information Requested Prior to Inspection:

Procedures:

- Administrative procedure(s) governing the identification and resolution of problems
- Administrative procedure(s) governing root cause and apparent cause evaluations
- Administrative procedure(s) governing common cause assessments, effectiveness reviews, and self-assessments
- Administrative procedure(s) governing the site's corrective action program
- A copy of Work Order 1206254 including worker comments/completion notes
- A copy of Procedure AD-AA-101-02, Conduct of Maintenance

Reports:

- The root cause investigation report(s) for the White finding on the oil leak from the 2A diesel generator
- A copy of Issue Report 1239812 and documentation related to any corrective actions from this report
- Any Focused Area Self-Assessments performed regarding the 2A diesel generator oil leak issue and subsequent corrective actions
- Any Quality Assurance assessments of the root cause investigation for the 2A diesel generator oil leak issue
- Documentation supporting the root cause (e.g. calculations/analysis)
- Documentation supporting completion of any corrective actions for the 2A diesel generator oil leak
- Current schedule and resource commitment documents for open corrective actions associated with the 2A diesel generator oil leak

Also, please have the following documents available for the inspector upon his arrival on site:

- Updated Final Safety Analysis Report
- Technical Specifications
- Administrative Procedures
- Site Organization Charts
- Drawings
- Any previously provided documents that have been revised

Enclosure

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

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DOCUMENT NAME: G:\DRPIII\BYRO\Ltr Byron Request For Information 95001.docx

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OFFICE	RIII						
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Letter to M. Pacilio from E. Duncan dated July 26, 2011.

SUBJECT: BYRON STATION, UNIT 2 - NOTIFICATION OF AN NRC SUPPLEMENTAL
INSPECTION AND INFORMATION REQUEST

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